



## Statistics - Standard Deviation - Sigma Description to Percent in Three Sections

<b>1</b> What percentage of the data lies between the mean and $+3\sigma$ in a normal distribution?  mean to $+3\sigma$	A	B	C	<b>2</b> What percentage of the data lies between $-1\sigma$ and $+2\sigma$ in a normal distribution?  $-1\sigma$ to $+2\sigma$	A	B	C
	15.7%	50.2%	49.8%		47.7%	18.2%	81.8%
	D				D		
	83.9%				95.4%		
<b>3</b> What percentage of the data lies between $-2\sigma$ and $+1\sigma$ in a normal distribution?  $-2\sigma$ to $+1\sigma$	A	B	C	<b>4</b> What percentage of the data lies between $-3\sigma$ and the mean in a normal distribution?  $-3\sigma$ to mean	A	B	C
	18.2%	81.8%	68.2%		50%	47.7%	50.2%
	D				D		
	83.9%				49.8%		